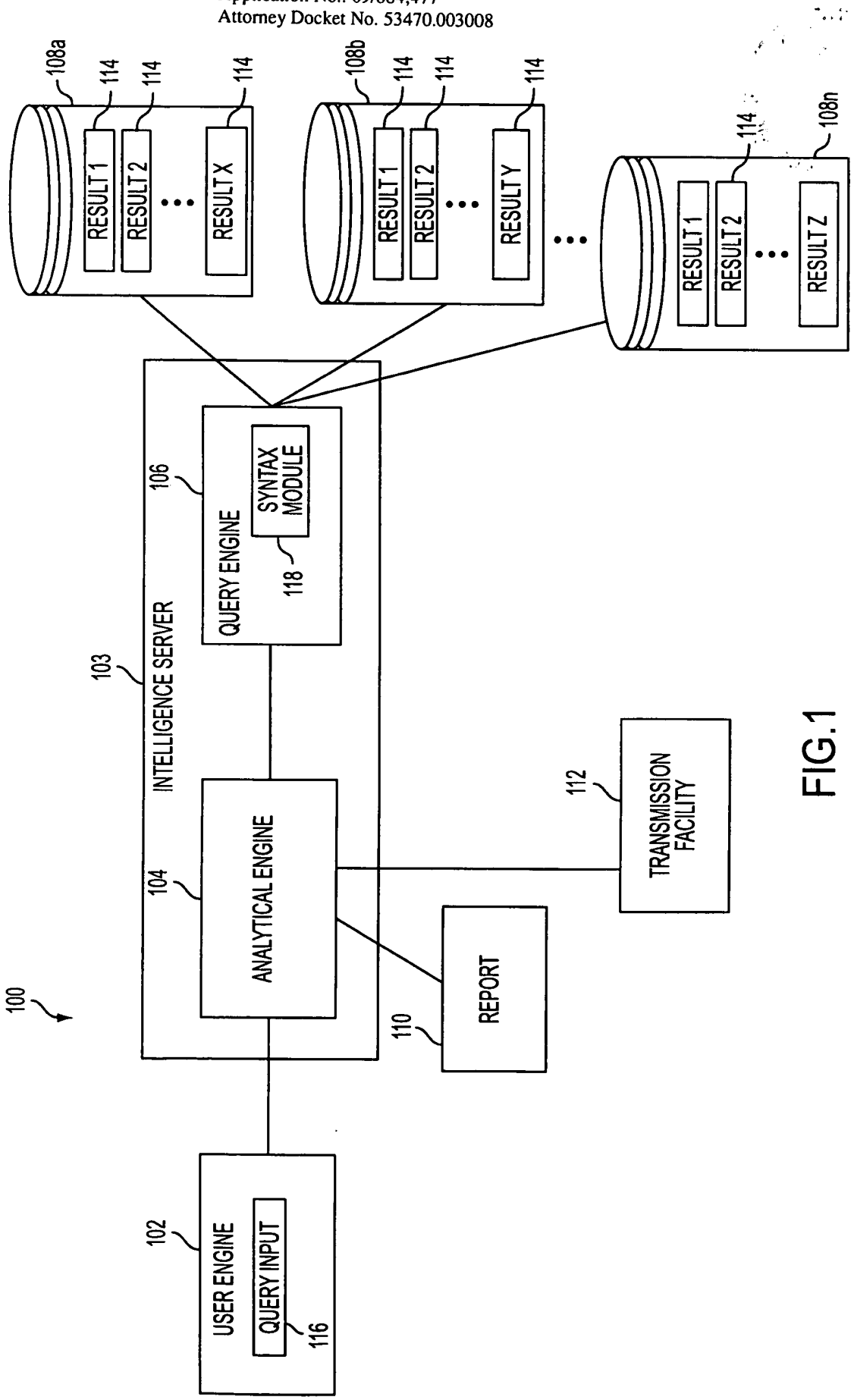
100
102
USER ENGINE
QUERY INPUT
116
103
INTELLIGENCE SERVER
104
ANALYTICAL ENGINE
106
QUERY ENGINE
SYNTAX MODULE
118
108a
RESULT 1
RESULT 2
RESULT X
114
108b
RESULT 1
RESULT 2
RESULT Y
108n
RESULT 1
RESULT 2
RESULT Z
110
REPORT
112
TRANSMISSION FACILITY

FIG.1

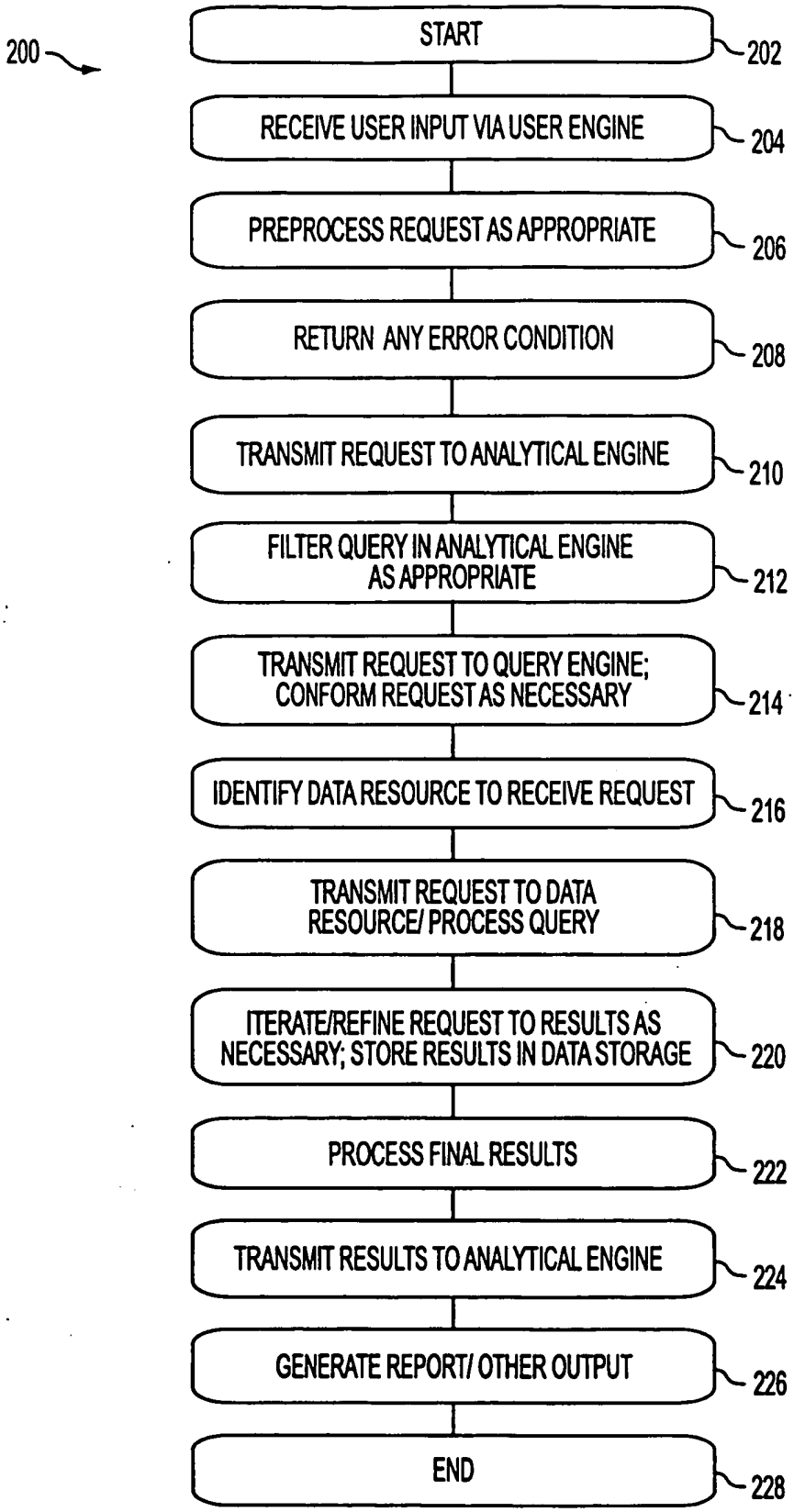
200
START
202
RECEIVE USER INPUT VIA USER ENGINE
204
PREPROCESS REQUEST AS APPROPRIATE
206
RETURN ANY ERROR CONDITION
208
TRANSMIT REQUEST TO ANALYTICAL ENGINE
210
FILTER QUERY IN ANALYTICAL ENGINE AS APPROPRIATE
212
TRANSMIT REQUEST TO QUERY ENGINE; CONFORM REQUEST AS NECESSARY
214
IDENTIFY DATA RESOURCE TO RECEIVE REQUEST
216
TRANSMIT REQUEST TO DATA RESOURCE/ PROCESS QUERY
218
ITERATE/REFINE REQUEST TO RESULTS AS NECESSARY; STORE RESULTS IN DATA STORAGE
220
PROCESS FINAL RESULTS
222
TRANSMIT RESULTS TO ANALYTICAL ENGINE
224
GENERATE REPORT/ OTHER OUTPUT
226
END
228

FIG. 2

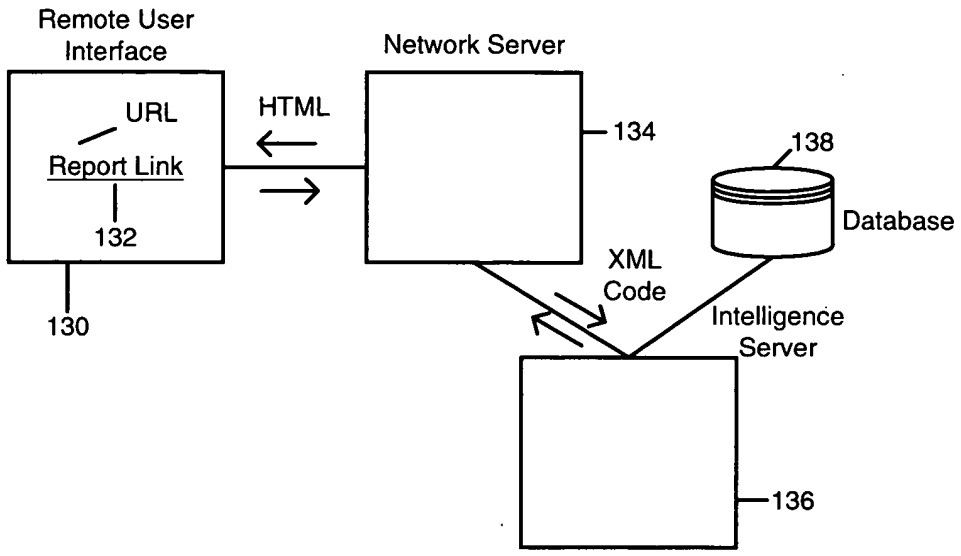
Remote User Interface
URL
Report Link
132
130
HTML
Network Server
134
138
Database
XML Code
Intelligence Server
136

Fig. 3

"System and Method for Remote Manipulation of Analytic R...
Application No.: 09/884,477
Attorney Docket No. 53470.003008

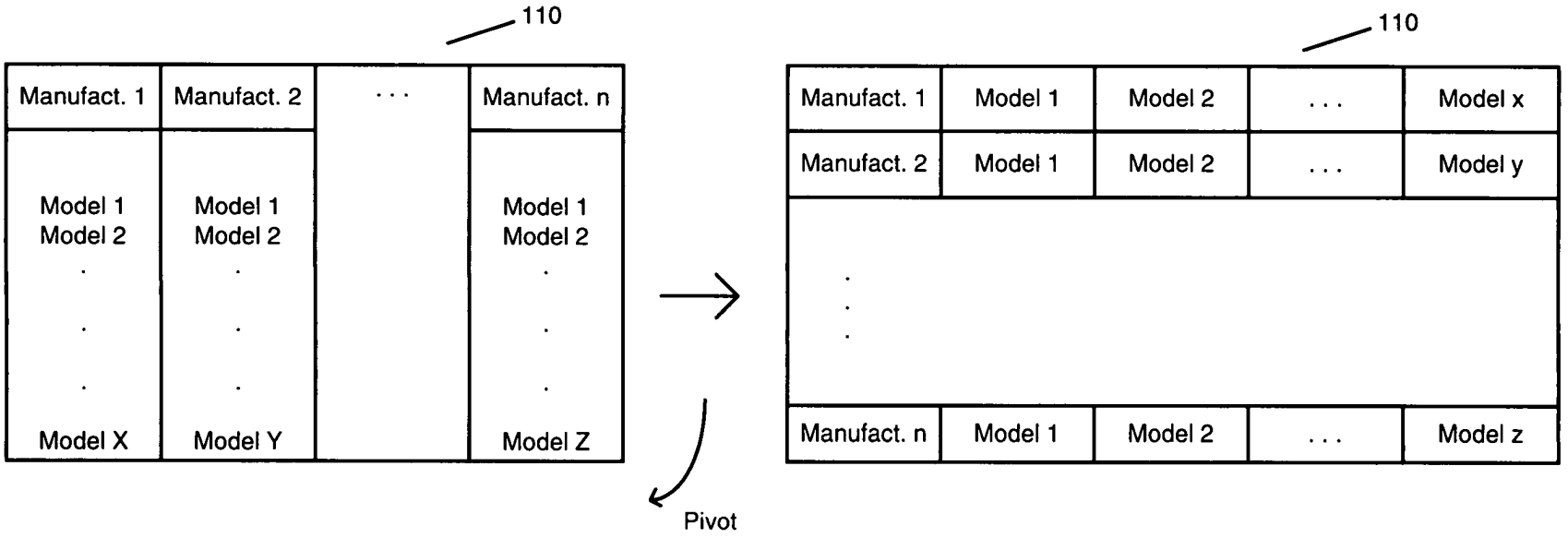

Fig. 4

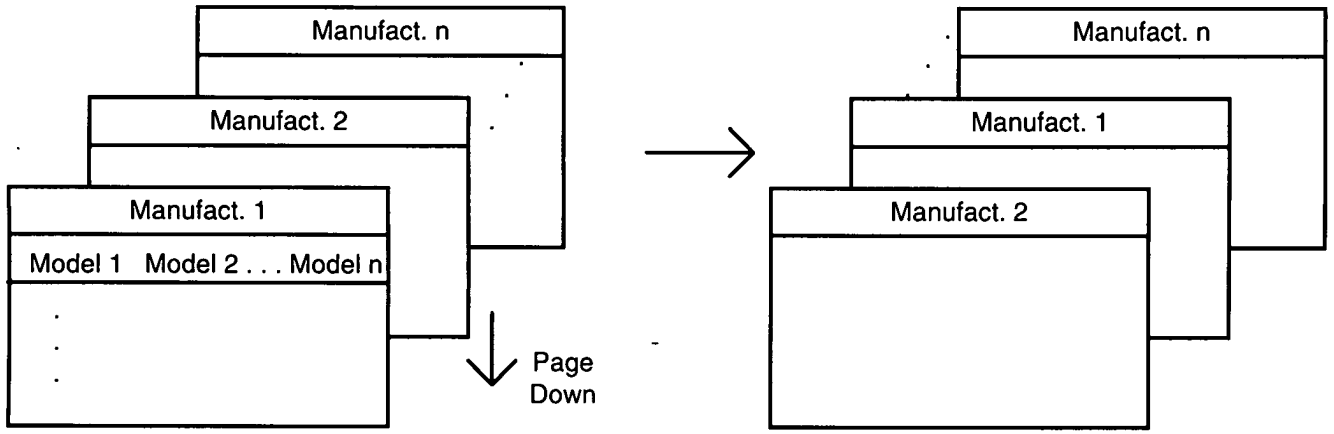

Fig. 5

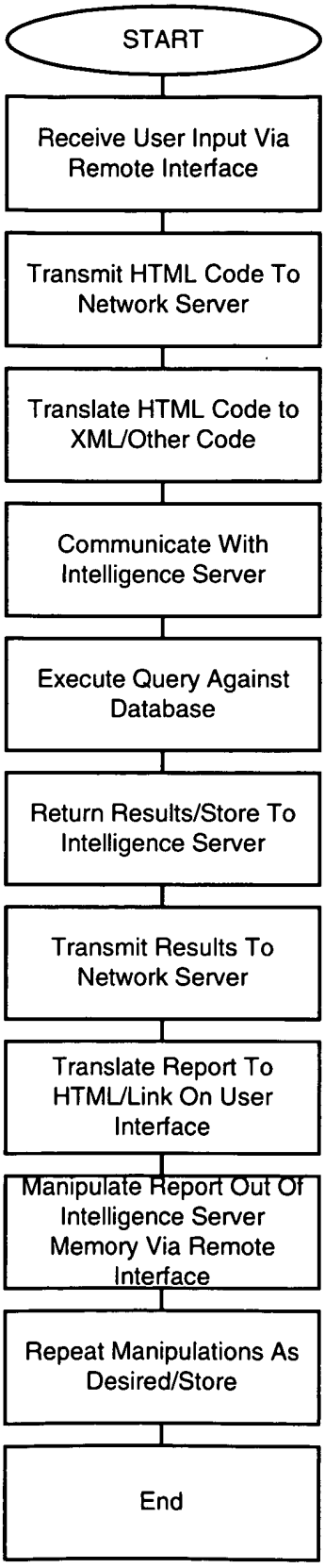
START
Receive User Input Via Remote Interface
Transmit HTML Code To Network Server
Translate HTML Code to XML/Other Code
Communicate With Intelligence Server
Execute Query Against Database
Return Results/Store To Intelligence Server
Transmit Results To Network Server
Translate Report To HTML/Link On User Interface
Manipulate Report Out Of Intelligence Server Memory Via Remote Interface
Repeat Manipulations As Desired/Store
End

Fig. 6